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FOR	M PTO-139 / 11-2000)	U.S. DEPARTMENT C	MMERCE PATENT AND TRADEMARK OFFICE	ATI SINEY'S DOCKET NUMBER 2490-14		
1115		TRANSMITTAL LETTE	R TO THE UNITED STATES	U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)		
DESIGNATED/ELECTED OFFICE (DO/EO/US)						
INT	ERNATION	CONCERNING A FIL VAL APPLICATION NO.	ING UNDER 35 U.S.C. 371 INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED		
"`'		T/GB00/01216	30 March 2000	31 March 1999		
TIT	TITLE OF INVENTION					
	ADAPTIVE FILTER EQUALISATION TECHNIQUES					
APPLICANT(S) FOR DO/EO/US WHITE et al						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1.	1. This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.					
2.	2. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.					
3.	3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4.	4. The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).					
5.	5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a. is attached hereto (required only if not communicated by the International Bureau).					
	b. 🔲 🦏 as been communicated by the International Bureau.					
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6.	6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a.					
	b. [has been previously s	ubmitted under 35 U.S.C. 154(d)(4).			
7.	☐ Ar	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))				
	a. are attached hereto (required only if not communicated by the International Bureau).					
	b. have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
	d. have not been made and will not be made.					
8.	8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9.	9. 🛮 An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	□ A	English language translat Article 36 (35 U.S.C. 3	ion of the annexes of the International Prelimi 871(c)(5)).	nary Examination Report under PCT		
	It ms 11 To 20 below concern document(s) or information included:					
11.	☐ Ai	n Information Disclosure S	Statement under 37 C.F.R. 1.97 and 1.98.			
12.	⊠) Ai	n assignment document fo	or recording. A separate cover sheet in compl	iance with 37 C.F.R. 3.28 and 3.31 is included.		
13.	A FIRST preliminary amendment.					
14.	14. The A SECOND or SUBSEQUENT preliminary amendment.					
15.	15. A substitute specification.					
16.	16. A change of power of attorney and/or address letter.					
17.	17. 🔲 A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.					
18.	□ A	second copy of the put	olished international application under 35	U.S.C. 154(d)(4).		
19.	19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
20.	20. Other items or information.					

21. The following fees are submitted:						
	S PTO USE ONLY					
BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5): Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO						
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890.00						
International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO\$740.00						
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$710.00						
International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00						
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 0.	00					
	00					
CLAIMS NUMBER FILED NUMBER EXTRA RATE						
	00					
	00					
	00					
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above	00					
	00					
Processing fee of \$130.00, for furnishing the English Translation later than ☐ 20 ☐ 30	00					
	00					
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property + \$40.	00					
Three month extension Fee \$ 920.						
TOTAL FEES ENCLOSED = \$ 960.)0					
04/11/2002 MNGUYEN 00000112 09937718 Amount to b	e:					
02 FC:117 920.00 GP Charged	\$					
 a. A check in the amount of \$960.00 to cover the above fees is enclosed. b. Please charge my Deposit Account No. 14-1140 in the amount of \$ to cover the above fees. A duplicate copy of this form is enclosed. c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed. d. The entire content of the foreign application(s), referred to in this application is/are hereby incorporated by reference in this application. 						
NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:						
NIXON & VANDERHYE P.C. 1100 North Glebe Road, 8 th Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Leonard C. Mitchard						
LCM:lks NAME						
29,009 April 8,	2002					